

A2LC/16/M16-M20F-WM**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

A2LC type cable glands are suitable for un-armored cable and provide a conduit connection female thread, maintains flameproof Ex d and Increased Safety Ex e explosion protection.

General ordering data

| | |
|------------|--|
| Version | A2LC (Klippon unarmored with conduit connection thread, Ex e/d cable gland), Cable glands, straight, M 16 x 1.5, 16 mm, OD min. 4.5 - OD max. 8.7 mm, Brass, nickel-plated |
| Order No. | 1205080000 |
| Type | A2LC/16/M16-M20F-WM |
| GTIN (EAN) | 4050118074604 |
| Qty. | 24 pc(s). |

Creation date May 24, 2024 1:02:02 AM CEST

Catalogue status 18.05.2024 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

| | | | |
|------------|---------|-----------------|------------|
| Height | 53.8 mm | Height (inches) | 2.118 inch |
| Width | 26 mm | Width (inches) | 1.024 inch |
| Length | 69.8 mm | Length (inches) | 2.748 inch |
| Net weight | 120 g | | |

Temperatures

| | |
|-----------------------|-----------------|
| Operating temperature | -50 °C...120 °C |
|-----------------------|-----------------|

Certificate numbers cable gland

| | | | |
|-----------------------------------|---|-------------------------------------|--------------------|
| Certificate No. (IECEX) | IECEXTPS16.0004X | Certificate no. cable gland (ATEX) | TÜV IT 16ATEX 059X |
| Certificate no. cable gland (CCC) | 2020322313000069 | Certificate no. cable gland (IECEX) | IECEX TPS 16.0004X |
| Identification | II 2G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da | | |

General information

| | | | |
|-----------------------------------|---|-----------------------------------|---------------------------|
| AF size 1 | 24 mm | AF size 2 | 24 mm |
| Cable glands | M 16 | Conduit thread size (metric) | M20 |
| Explosion protection type | Ex d - flameproof, Ex e - increased safety | External thread | M 16 x 1.5 |
| Halogen | No | Installation guidelines | See assembly instructions |
| Length of thread | 16 mm | Material | Brass, nickel-plated |
| O-Ring | Silicone | Operating temperature range, max. | 120 °C |
| Operating temperature range, min. | -50 °C | Outer cable diameter, max. | 8.7 mm |
| Outer cable diameter, min. | 4.5 mm | Pitch of thread | 1.5 mm |
| Protection degree | IP66, IP68 | Seal insert | Silicone |
| Sealing | Silicone | Silicone | Yes |
| Standards | EN 60079-0, EN 60079-1, EN 60079-31, EN 60079-7, GB 12476.1, GB 12476.5, GB 3836.1, GB 3836.2, GB 3836.3, IEC 60079-0, IEC 60079-1, IEC 60079-31, IEC 60079-7 | Tightening torque | 18 Nm |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000441 | ETIM 7.0 | EC000441 |
| ETIM 8.0 | EC000441 | ETIM 9.0 | EC000441 |
| ECLASS 9.0 | 27-14-44-32 | ECLASS 9.1 | 27-14-44-34 |
| ECLASS 10.0 | 27-14-44-32 | ECLASS 11.0 | 27-14-44-32 |
| ECLASS 12.0 | 27-14-08-04 | ECLASS 13.0 | 27-14-08-04 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 9706e29a-947e-49f2-a4db-8015ded62160 |

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www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS

Conform

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | ATEX certification IEC Ex certification CCC approval of Cable glands CE Declaration of conformity |
| Engineering Data | CAD data – STEP |
| User Documentation | Notice of installation |
| Catalogues | Catalogues in PDF-format |

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www.weidmueller.com**Accessories****Brass lock nuts, nickel-plated**

In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | SKMU M16 MS | Version |
| Order No. | 1736990000 | SKMU MS (brass locknut), Locknut, M 16, 2.8 mm, Brass, nickel- |
| GTIN (EAN) | 4008190956462 | plated |
| Qty. | 100 pc(s). | |

Nylon flat washer - GWDR

In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

| | | |
|------------|----------------------------|--------------------------------|
| Type | GWDR M16-W | Version |
| Order No. | 1185600000 | in closed state, M 16, Nylon 6 |
| GTIN (EAN) | 4064675423256 | |
| Qty. | 100 pc(s). | |